

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK 03/00447

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03H11/12 //H03F3/38, H03K7/08, H03B28/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03F H03K H03B H03H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/048345 A1 (STANLEY GERALD R) 6 December 2001 (2001-12-06) page 3; figure 5	1-51
A	EP 1 187 326 A (SONY CORP) 13 March 2002 (2002-03-13) see the figures abstract	1-51
A	PATENT ABSTRACTS OF JAPAN vol. 010, no. 192 (E-417), 5 July 1986 (1986-07-05) & JP 61 039621 A (FUJITSU TEN LTD), 25 February 1986 (1986-02-25) see the figures abstract	1-51

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier document but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  
 "&" document member of the same patent family

Date of the actual completion of the International search

16 December 2003

Date of mailing of the International search report

09. 01. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

SARA THULIN/MN

# INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

PCT/DK 03/00447

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2001048345	A1	06-12-2001	AU 2740301 A CN 1415136 T EP 1256166 A2 WO 0150599 A2	16-07-2001 30-04-2003 13-11-2002 12-07-2001
EP 1187326	A	13-03-2002	JP 2002076842 A EP 1187326 A2 US 2002041201 A1	15-03-2002 13-03-2002 11-04-2002
JP 61039621	A	25-02-1986	JP 1928935 C JP 6044696 B	12-05-1995 08-06-1994